

Plant Systematics and Evolution

Entwicklungsgeschichte und Systematik der Pflanzen

Continuation of Österreichische Botanische Zeitschrift

Editorial Board:

F. Ehrendorfer, Wien (Managing Editor)

L. Geitler, Wien

W. Hagemann, Heidelberg

D. L. Hawksworth, Kew

V. H. Heywood, Reading

T. J. Mabry, Austin, Tex.

J. Poelt, Graz

G. L. Stebbins, Davis, Calif.

T. F. Stuessy, Columbus, Ohio

B. L. Turner, Austin, Tex.

M. A. Fischer, Wien (Secretary)

Vol. 148, 1984/1985

ISSN 0378-2697

Springer-Verlag Wien New York



The exclusive copyright for all languages and countries, including the right for photomechanical and any other reproductions including microform is transferred to the publisher

Alle Rechte, einschließlich das der Übersetzung in fremde Sprachen und das der photomechanischen Wiedergabe oder einer sonstigen Vervielfältigung, auch in Mikroform, vorbehalten

© 1985 by Springer-Verlag/Wien

Contents/Inhalt

Bachmann, K., Chambers, K. L., Price, H. J.: Genetic Components of Heterocarpy in <i>Microseris</i> Hybrid B 87 (<i>Asteraceae</i> , <i>Lactuceae</i>) . . .	149
Bhandari, N. N., Natesh, S.: Development of Endosperm in <i>Scrophularia himalensis</i> with a Discussion on the Variation in the Endosperm of the Tribe <i>Scrophularieae</i> (<i>Scrophulariaceae</i>) . . .	177
Breuß, O.: On the Lichen Genera <i>Placocarpus</i> and <i>Placidopsis</i> (<i>Verucariaceae</i>) . . .	313
Bulinska-Radomska, Z., Lester, R. N.: Relationships Between Five Species of <i>Lolium</i> (<i>Poaceae</i>) . . .	169
Esnault, M.-A., Huon, A.: Enzymatic Variability in the Cattail (<i>Typha angustifolia</i> and <i>T. latifolia</i> , <i>Typhaceae</i>) . . .	247
Ettl, H.: On an Intracellular Parasite in <i>Cryptomonas</i> (<i>Cryptophyceae</i>), II. (In German language.) . . .	165
Ettl, H., Gärtner, G.: About the Significance of Cytology in the Taxonomy of Algae, Demonstrated in <i>Trebouxia</i> (<i>Chlorellales</i> , <i>Chlorophyceae</i>). (In German language.) . . .	135
Hari Gopal, B., Mohan Ram, H. Y.: Systematic Significance of the Mature Embryo of Bamboos . . .	239
Hesse, M., Morawetz, W., Ehrendorfer, F.: Pollen Ultrastructure and Systematic Affinities of <i>Anaxagorea</i> (<i>Annonaceae</i>) . . .	253
Hilger, H. H., Balzer, M., Frey, W., Podlech, D.: Heteromerocarpy and Fruit Polymorphism in <i>Microparacaryum</i> , gen. nov., (<i>Boraginaceae</i>). (In German language.) . . .	291
Lambert, S.: Variable Self-Compatability in <i>Neolloydia intertexta</i> (<i>Cactaceae</i>) . . .	287
Morawetz, W., Maas, P.: Notes on the Systematics of the Amazonian Genus <i>Guatterella</i> (<i>Annonaceae</i>) . . .	19
Nicholls, K. H.: <i>Spiniferomonas septispina</i> and <i>S. enigmata</i> , Two New Algal Species Confusing the Distinction Between <i>Spiniferomonas</i> and <i>Chrysosphaerella</i> (<i>Chrysophyceae</i>) . . .	103
Okada, H.: Polyphyletic Allopolyploid Origin of <i>Ranunculus cantoniensis</i> (4x) from <i>R. silerifolius</i> (2x) \times <i>R. chinensis</i> (2x) . . .	89
Oliver, J. L., Martinez Zapater, J. M.: Allozyme Variability and Phylogenetic Relationships in the Cultivated Potato (<i>Solanum tuberosum</i>) and Related Species . . .	1
Poelt, J., Pelleter, U.: Frutescent Species of <i>Caloplaca</i> (Lichens) . . .	51
Rechinger, K. H.: <i>Rumex bithynicus</i> RECH. f., a New Species and its Hybrids from NW Turkey . . .	317
Rudall, P. J., Owens, S. J., Kenton, A. Y.: Embryology and Breeding Systems in <i>Crocus</i> (<i>Iridaceae</i>)—A Study in Causes of Chromosome Variation . . .	119
Schill, R., Baumm, A., Wolter, M.: Comparative Micromorphology of Stigma Surfaces in Angiosperms; Relations to Pollen Grain Surfaces in Heterostylous Taxa. (In German language.) . . .	185
Therman, E., Murashige, T.: Polytene Chromosomes in Cultured Pea Roots (<i>Pisum</i> , <i>Fabaceae</i>) . . .	25
Thielke, Ch.: Whorled Clamps in Homo- and Heterothallic <i>Coprinus</i> Species. (In German language.) . . .	35
Vitek, E.: Evolution in Alpine Populations of <i>Euphrasia</i> (<i>Scrophulariaceae</i>): Medium- to Small-Flowered Glandular Species. (In German language.) . . .	215

